



09-24-03

PHA 4199.1 (3090/7/US)
PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of John S. Ng et al.
Serial No. 10/608,101
Filed June 27, 2003

For PROCESS FOR PREPARATION OF 9,11-EPOXY STEROIDS AND
INTERMEDIATES USEFUL THEREIN

September 26, 2003

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SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and
in compliance with the duty of disclosure set forth in 37 C.F.R.
1.56, applicant submits the attached PTO/SB/08A for consideration
* by the Patent and Trademark Office in the above-entitled
application and to be made of record therein.

The references listed on the attached PTO/SB/08A have been
previously submitted in parent application Serial No. 09/943,117,
filed August 31, 2001, and in accordance with MPEP 609, are not
being provided at this time.

Respectfully submitted,

Patricia K. Fitzsimmons

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PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/608,101
				Filing Date	June 27, 2003
				Confirmation Number	not yet received
				First Named Inventor	John S. Ng
				Group Art Unit	not yet received
				Examiner Name	not yet received
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	3,053,856	B1	Payne et al.	09/11/1962
	2	3,200,113	B1	Christiansen et al.	08/10/1965
	3	3,300,489	B1	Holden	01/24/1967
	4	3,413,288	B1	Creger	11/26/1968
	5	3,759,791	B1	Marsheck	09/18/1973
	6	3,897,417	B1	Warnant et al.	07/29/1975
	7	3,972,878	B1	Schimann et al.	08/03/1976
	8	4,069,219	B1	Weier	01/17/1978
	9	4,118,488	B1	Philippson et al.	10/03/1978
	10	4,270,994	B1	Behling	06/02/1981
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	12	5,565,558	B1	Batist et al.	10/15/1996
	13	5,616,742	B1	Fu et al.	04/01/1997

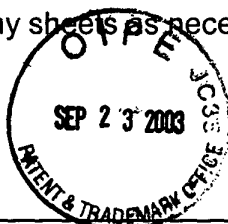
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		Office	Number ⁴	Kind Code ² (if known)			
	14	DE	2349022		Furst, Andor et al.	04/10/1975	
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	16	DE	2443746		Searle & Co.	03/03/1975	
	17	DE	2932925		Gist Brocades NV	02/28/1980	
	18	EP	0122232	A1	Ciba Geigy Corp (US)	10/17/1984	
	19	EP	0123734	A1	Gist Brocades NV (NL)	11/07/1984	
	20	EP	0165902	A1	Ciba Geigy Corp (US)	12/27/1985	
	21	WO	97/21720		Searle & Co.	06/19/1997	
OTHER ART - NON PATENT LITERATURE DOCUMENTS							
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	22	ABSTRACT 084228, "Hydroxylated Androstane Production From Sterols", Chemical Abstracts, Vol. 100, No. 11, p. 430, March 12, 1984 and JP 58 179 498 A (Danippon Ink and Chemicals, Inc.); Japan, October 20, 1983					
	23	ARIAS et al., "Epoxidation of Alkenes With Trichloroacetonitrile/Hydrogen Peroxide In A Neutral Biphasic Solvent System", J. Org. Chem., Vol 48, pp. 888-890, 1983					

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	24	BROWN et al., "Steroidal Aldosterone Blockers VII", J. Med. Chem., 1963, Vol. 6, pp. 732-735	
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	26	CARRUTHERS et al., "Synthesis of Corticoids From 9 α -Hydroxyandrost-4-ene-8, 17-dione", J. Org. Chem., Vol. 57, pp. 961-965, 1992	
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	34	HELLBERG et al. "5 α -Hydroxy-3 α -Cholestane-carboxylic Lactone", Chem. Abst., Vol. 99, No. 11, p. 595, September 12, 1983	
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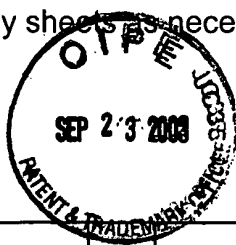
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	41	PCT Search Report Issued for PCT/US 96/20780 dated 9/22/97	
	42	PETERSON et al., "Microbiological Transformations of Steroids. VI.Preparation of 11x-Hydroxy-6-dehydroprogesterone", J.A.C.S., Vol. 75, No. 2, pp. 419-421, January 29, 1953	
	43	TURNER et al., "Applications Of High-potential Quinones. Part I. The Mechanism Of Dehydrogenation Of Steroidal Ketones By 2,3 Dichloro-5,6-dicyanobenzoquinone", J. Chem. Soc., pp. 1720-1730, 1967	

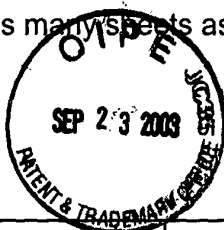
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	44	VAN LEUSEN et al., "Chemistry of Sulfonylmethyl Isocyanides. 33. Synthesis of 17-(isocyanotosylmethylene) Steroids: Precursors To Pregnane Derivatives" Recueil Des Travaux Chimiques Des Pays-Bas, Vol. 100, No. 10, pp. 393-401, October 1991	
	45	WEIR et al., "7 α -Carboalkoxy Steroidal Spirolactones As Aldosterone Antagonists", J. Med. Chem., Vol. 18, No. 8, pp. 817-821, August 1975	

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